

## ABSTRACT OF THE DISCLOSURE

## System and method for testing a mobile telephone network

5           A method for testing a mobile telephony network having a plurality of  
cells whose sizing depends on at least one selection or reselection  
parameter comprises a step for the recording, on an onboard computer  
connected to a mobile telephone, of predefined values of selection and  
10        reselection parameters for each cell to be tested, a step for the presetting, for  
each cell to be tested, of the predefined values of the selection and  
reselection parameters, and for the capture of data obtained by the mobile  
telephone for each cell, and a step for the processing of the captured data  
and the determining of the sizing of each cell. The system for implementing  
15        this method is also disclosed.

Figure 2